

## THE FORT SUMNER REVIEW.

M. R. BAKER Editor and Proprietor.

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The Guadalupe County Teachers' Association will convene at this place Friday, Nov. 26th, 1909. The following tentative program has been arranged:

The committee on reception will meet teachers at the depot at 10 o'clock a. m., attended by the Fort Sumner Cornet Band.

2 o'clock p. m., drive down the valley under the auspices of the Fort Sumner Commercial Club.

7:30 p. m.—General session.

Prayer by Rev. S. E. Turner. Address of Welcome, by M. R. Baker.

#### FIRST DAY—EVENING.

General Session.

#### I

Enrollment, Organization, Announcements, etc.

#### II

Plan and purpose of this Association—County Superintendent George Burch.

#### III

The Teachers' Reading Circle.

1 Aims and Advantages of the Reading Circle.

Paper—Mrs. Fannie Highsmith.

Discussion—Lewis R. Haight and Miss Marion Blanchard

2 The Territorial Reading Circle Work. Texts Adopted.

Methods of Study, Credits Given.

Paper—Miss Clara Zimmerman.

Discussion—Miss Helen Davis, Hilario Aragon.

3 Review of the Reading Circle, Tests, Civics and Health, Teaching a District School, the Recitation.

Papers—Miss Olive V. Smith, Miss Albanita V. Page.

Discussion—Luke Jackson, Moise Sanchez.

Piano Solo—Miss Olive V. Smith.

SECOND DAY—FORENOON.

General Session.

#### IV

The Common School Course of Study.

Question: Is it Possible or Desirable to Make all Instruction in the Rural Schools Conform to a Uniform Course of Study?

Charles L. Schreck.

Discussion—Mrs. S. F. Beckett, L. C. Mahanna.

#### V

Give an Illustrated Lesson in Sixth Reader—Juan J. Clancey.

Discussion—Miss Bessie Wisdom, G. W. Martinez.

#### AFTERNOON.

Piano Solo—Miss Marion Blanchard.

1 Education is Life—Frank Morris.

Discussion—J. G. Marquez, Francisco Sanchez.

2 School Concerts, Holiday Exercises, School Societies, etc., as a Means of Creating School Interest in the Community—Miss Mary L. Todd.

Discussion—J. W. Compton, W. H. Highsmith.

3 Formulate Ten Important Questions Which the Teacher must Solve, to be Answered by the Teachers—Misses Una Shane, Pelagia Baca.

4 Suggestions for the Improvement of Our School Another Year—E. C. Smith.

Discussion—Charles Barnhart, B. F. Wilson, Max Gallegos.

#### EVENING—8 O'CLOCK.

Dance and entertainment at Fitzgibbon Hall, by the ladies of the town.

In a Questionable Enterprise.

There are occasions when it is undoubtedly better to incur loss than to make gain.—Plautus.

## Press Bulletin No. 157.

Nem Mexico College of Agriculture and Mechanic Arts and Agricultural Experiment Station, Mesilla Park.

### STATEMENT REGARDING SOIL ANALYSIS.

Sodium, magnesium, iron, aluminum, sulphur, silicon, chlorine, calcium, potassium, phosphorus and nitrogen are plant food elements used by all plants, and derived by them from the soil on which they are grown. If a soil contains an abundance of these elements in a form available to plants, it is in the highest possible degree of fertility. Too much of some of the elements is, however, under certain conditions, even more injurious to crops than a scarcity. An excess of salts of sodium potassium and magnesium for example causes alkali soils. By analysis of the various plants the chemist can determine the amount of each of the elements they contain, and calculate the amount removed from an acre of soil by each crop. In this way it should be possible to determine by an analysis of the soil whether or not it is in need of any of the plant food elements for a special crop, when the amount found in an acre of the soil is calculated to the depth at which the plant usually feeds. An examination of this kind will show any soil to contain far more than the amount of food necessary for one year. This is a very necessary state, otherwise the soil would be exhausted by one year's cropping. The elements are conserved in the soil by being in an insoluble form and not available to the plant, only small amounts being rendered available from year to year through natural agencies. In some soils there is not a sufficient amount of all the elements converted into an available form for one year's cropping. Such soils are in need of fertilizers. Analyses of many soils, together with fertilizer experiments, indicate that all the elements of plant food mentioned above occur in abundance, and in an available form, in nearly all soils except calcium, potassium, phosphorus and nitrogen. In many soils an application of these in a form available to plant will increase the crop yield. A study of New Mexico soils, and the waters with which they are irrigated, shows that they usually contain an abundance of all the elements except phosphorus and nitrogen. The amount of these is nearly always small, and their application to the soil, in the experiments that have been conducted, show that they are often needed by our crops. They are especially needed in an organic form, which has the additional advantage of adding some much needed humus. An economical and desirable source for both elements is stable manure and bat guano.

The chemist has no means of measuring the exact amount of available plant food in a soil, and his analysis may be of little value in determining the immediate crop producing power of a soil. Indeed, without making a number of analyses of each soil type from every locality, the chemist can tell little about the fertility of the soil. This would be a long and tedious operation, and makes

(continued on page 6)

## Land to Lease

### Irrigated

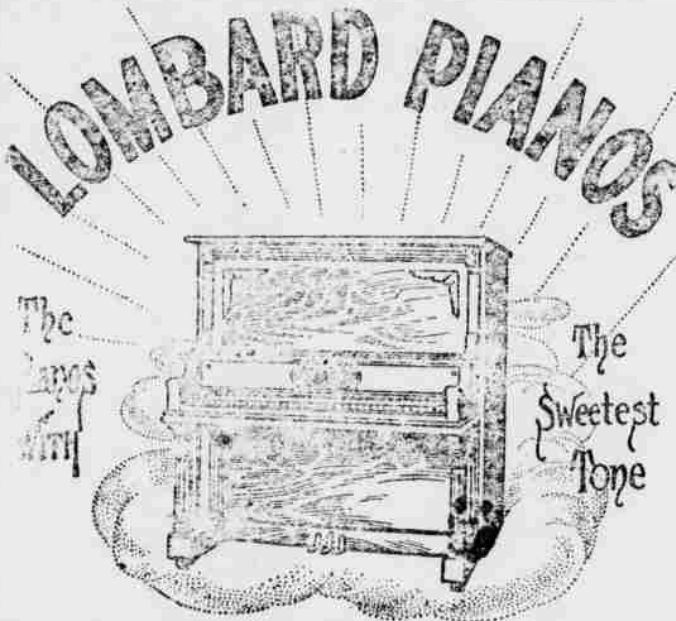
I have good farms under the ditch to lease to responsible farmers on good terms.

You're sure of a crop under irrigation.

You can make enough to buy your own

ten acres next year.

L. C. VanHecke.



### Praised by Press and Pulpit

No Piano has ever been more enthusiastically endorsed. The Artistic Case, the Easy, Responsive Action, and above all the deep, sweet, rich Tone, captivates performer and listener. The united verdict is that

### LOMBARD PIANOS ARE THE BEST IN THE WORLD !!

Mrs. Helen M. Slater, 244 Grand Ave., Aurora, Ill., says: "I cannot find words in the English language to express my appreciation to you for having sold me such a beautiful instrument. I really think it is the most beautiful case I ever saw, and the tone is simply grand. I shall be glad to give you any testimonial as I think the Lombard should take the lead."

Rev. Geo. Doubleday, Pres. Corpus Christi College, Gatesburg, Ill., says: "We are using the Lombard in our College work at Corpus Christi, and it is a pleasure to recommend it. It is a beautiful instrument with a deep, sweet, rich tone."

J. W. Purviance, Editor McNairy County Independent, Selmer, Tenn., says: "The instrument (Lombard Piano) fits our most sanguine expectations. It is not only a rare beauty in the outward finish, but the tone is sound, full, rich and sweet. Your firm has proven to be prompt and reliable in its dealings with me."

J. Ernest Paxson, Editor Press, Parkersburg, Pa., says: "I must say that the Lombard sent me is a beautiful instrument, and a credit to a standard firm. We are more than satisfied."

R. S. Knapp, President Federal Charter Co., Washington, D. C., says: "We now realize after a careful and comprehensive trial of the Lombard by many musical artists of Washington, that it stands second to none, regardless of price or make. Every one who has tried this instrument is enthusiastic in its praise."

These are samples of hundreds of enthusiastic letters received in every mail.

Do Not Buy a Piano Until You Have Investigated the Lombard.

We send the Lombard Piano to any reliable party on 10 days' free trial. It may be paid for by easy monthly or quarterly payments. Credit will be given to suit any honest customer. A discount allowed for all cash.

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See the editor of this paper for further information about the Lombard Piano, and a special opportunity to get one almost FREE. See one will get the bargain of his life.

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BUILDING Material,  
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Hardware

"Prices Right."

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## Simon Katz

will give \$2.00 to the Woodmen of the World Camp No. 68, towards building a Hall, out of the sale of each and every SUIT of CLOTHES ordered from him during the months of November and December.

Also 50 CENTS from every Pair of Pants sold by him during the same time.